



Troubleshooting Flowchart — **D₄** Indicator Light Does Not Come On

The **D₄** indicator light does not come on when the ignition switch is first turned ON (II). (It should come on for about 2 seconds.)

Check the Service Check Connector:

Make sure the special tool (SCS Service Connector) is not connected to the service check connector.

Is the special tool (SCS Service Connector) connected to the service check connector?

YES

Disconnect the special tool from the service check connector and recheck.

NO

Check the **D₄** Indicator Light: Shift to **D₄** position.

Does the **D₄** indicator light come on?

YES

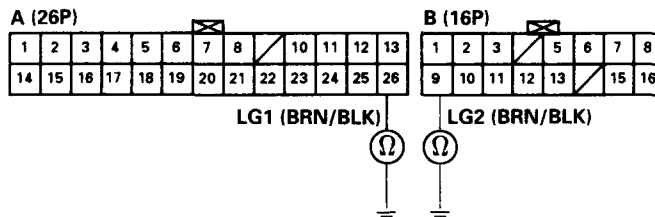
Check for loose PCM connectors. If necessary, substitute a known-good PCM and recheck.

NO

Check the Ground Circuit:

1. Turn the ignition switch OFF.
2. Disconnect the A (26P) and B (16P) connectors from the PCM.
3. Check for continuity between the A26 terminal and body ground and the B9 terminal and body ground.

PCM CONNECTORS



Wire side of female terminals

Is there continuity?

NO

Repair open in the wires between the A26 or B9 terminals and G101.

YES

Measure Power Supply Circuit Voltage:

1. Turn the ignition switch ON (II).
2. Measure the voltage between terminals A13 and A26 and between terminals B1 and B9.

Is there battery voltage?

NO

Repair open or short in the wire between the A13 and/or B1 terminals, the PGM-FI main relay, and the fuse box.

YES

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(cont'd)

Electrical Troubleshooting

Troubleshooting Flowchart — **D₄** Indicator Light Does Not Come On (cont'd)

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Measure D₄ IND Voltage:

1. Turn the ignition switch OFF.
2. Connect the A (26P) and B (16P) connectors to the PCM.
3. Connect a digital multimeter to the E23 and A26 terminals.
4. Turn the ignition switch ON (II) and make sure that the voltage is available for 2 seconds.

Is there voltage?

YES

Check for open in the wire between the E23 terminal and the gauge assembly. If wire is OK, check for a faulty **D₄** indicator light bulb or a faulty gauge assembly printed circuit board.

NO

Check D₄ IND for a Open Circuit:

1. Turn the ignition switch OFF.
2. Disconnect the E (26P) connector from the PCM.
3. Check for continuity between the E23 terminal and the B27 terminal of the gauge assembly B (30P) connector.

Is there continuity?

NO

Repair open in the wire between the E23 terminal and the gauge assembly.

YES

Check D₄ IND for a Short Circuit:

Check for continuity between the E23 terminal and body ground.

Is there continuity?

YES

Repair short in the wire between the E23 terminal and the gauge assembly.

NO

Check for loose PCM connectors. Check the transmission range switch. If necessary, substitute a known-good PCM and recheck.

PCM CONNECTORS

A (26P)

1	2	3	4	5	6	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

LG 1 (BRN/BLK)

E (26P)

1	2	3	4	5	(6)	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

D₄ IND (BRN/YEL)



Wire side of female terminals

PCM CONNECTOR E (26P)

1	2	3	4	5	(6)	7	8	9	10	11	12	13
14	15	16	17	18	19	20	21	22	23	24	25	26

D₄ IND (BRN/YEL)



GAUGE ASSEMBLY CONNECTOR B (30P)

1	2	3	4	5											
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30

Wire side of female terminals